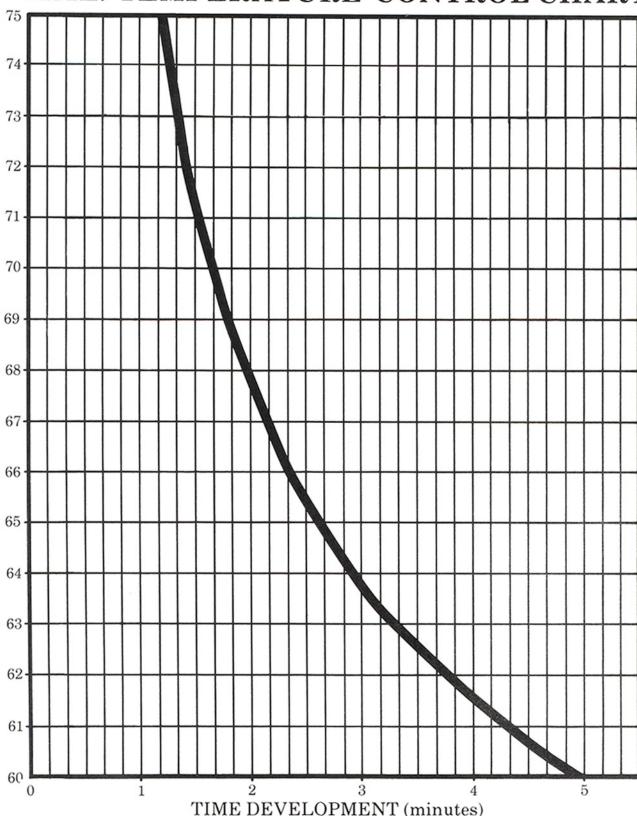
HEADQUARTERS, DEPARTMENT OF THE ARMY

TEMPERATURE °F

TIME/TEMPERATURE CONTROL CHART



Process films generally are developed in 2 to 5 minutes, depending on the strength of the developer, its temperature, and the degree of contrast (gamma) desired. The best negatives are produced when the temperature of all processing solutions is kept at 68°F. The emulsion will become excessively soft if the temperature is maintained at or above 75°F. If the temperature is maintained at or below 50°F, the development process will stop. Development time determines photograph contrast. If the development is carried on too long, the developer will start to act on unexposed areas, causing them to turn gray (fog).

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